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Filed : May 2, 2002

AMENDMENTS TO THE CLAIMS

- 1-3. (Canceled).
4. (Currently Amended) ~~The~~An isolated polypeptide of ~~Claim 1~~ having at least 95% amino acid sequence identity to:
- (a) the amino acid sequence of the polypeptide of shown in Figure 46 (SEQ ID NO:46);
 - (b) the amino acid sequence of the polypeptide of shown in Figure 46 (SEQ ID NO:46), lacking its associated signal peptide;
 - (c) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 46 (SEQ ID NO:46);
 - (d) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 46 (SEQ ID NO:46), ~~lacking~~ including its associated signal peptide; or
 - (e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209956;
wherein said extracellular domain is amino acids 23-223 of SEQ ID NO:46; and
wherein said isolated polypeptide is more highly expressed in esophageal or kidney tumor compared to normal esophageal or kidney tissue, respectively, or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in esophageal or kidney tumor compared to normal esophageal or kidney tissue, respectively.
5. (Currently Amended) The isolated polypeptide of ~~Claim 1~~Claim 4 having at least 99% amino acid sequence identity to:
- (a) the amino acid sequence of the polypeptide of shown in Figure 46 (SEQ ID NO:46);
 - (b) the amino acid sequence of the polypeptide of shown in Figure 46 (SEQ ID NO:46), lacking its associated signal peptide;
 - (c) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 46 (SEQ ID NO:46);
 - (d) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 46 (SEQ ID NO:46), ~~lacking~~ including its associated signal peptide; or
 - (e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209956;
wherein said extracellular domain is amino acids 23-223 of SEQ ID NO:46; and

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wherein said isolated polypeptide is more highly expressed in esophageal or kidney tumor compared to normal esophageal or kidney tissue, respectively, or wherein said isolated polypeptide is encoded by a polynucleotide that is more highly expressed in esophageal or kidney tumor compared to normal esophageal or kidney tissue, respectively.

6. (Currently Amended) An isolated polypeptide comprising:

- (a) the amino acid sequence of the polypeptide of shown in Figure 46 (SEQ ID NO:46);
- (b) the amino acid sequence of the polypeptide of shown in Figure 46 (SEQ ID NO:46), lacking its associated signal peptide;
- (c) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 46 (SEQ ID NO:46);

(d) the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 46 (SEQ ID NO:46), lacking including its associated signal peptide; or

(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209956; and

wherein said extracellular domain is amino acids 23-223 of SEQ ID NO:46.

7. (Currently Amended) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide of shown in Figure 46 (SEQ ID NO:46).

8. (Currently Amended) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide of shown in Figure 46 (SEQ ID NO:46), lacking its associated signal peptide.

9. (Currently Amended) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 46 (SEQ ID NO:46);

wherein said extracellular domain is amino acids 23-223 of SEQ ID NO:46.

10. (Currently Amended) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the extracellular domain of the polypeptide of shown in Figure 46 (SEQ ID NO:46), lacking including its associated signal peptide;

wherein said extracellular domain is amino acids 23-223 of SEQ ID NO:46.

11. (Original) The isolated polypeptide of Claim 6 comprising the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209956.

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12. (Currently Amended) A chimeric polypeptide comprising a polypeptide according to Claim 1-Claim 4 fused to a heterologous polypeptide.

13. (Currently Amended) The chimeric polypeptide of Claim 12, wherein said heterologous polypeptide is an epitope-a tag polypeptide or an Fc region of an immunoglobulin.

14. (New) An isolated polypeptide having at least 95% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide of SEQ ID NO:46;

(b) the amino acid sequence of the polypeptide of SEQ ID NO:46, lacking its associated signal peptide;

(c) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:46;

(d) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:46, including its associated signal peptide; or

(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209956;

wherein said isolated polypeptide or a fragment thereof can be used to generate an antibody which can be used to specifically detect the polypeptide of SEQ ID NO:46 in esophageal or kidney tissue samples.

15. (New) The isolated polypeptide of Claim 14 having at least 99% amino acid sequence identity to:

(a) the amino acid sequence of the polypeptide of SEQ ID NO:46;

(b) the amino acid sequence of the polypeptide of SEQ ID NO:46, lacking its associated signal peptide;

(c) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:46;

(d) the amino acid sequence of the extracellular domain of the polypeptide of SEQ ID NO:46, including its associated signal peptide; or

(e) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 209956;

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wherein said isolated polypeptide or a fragment thereof can be used to generate an antibody which can be used to specifically detect the polypeptide of SEQ ID NO:46 in esophageal or kidney tissue samples.

16. (New) A chimeric polypeptide comprising a polypeptide according to Claim 14 fused to a heterologous polypeptide.

17. (New) The chimeric polypeptide of Claim 16, wherein said heterologous polypeptide is a tag polypeptide or an Fc region of an immunoglobulin.